

Primula sinolisteri var. *longicalyx*, a new variety of the Primulaceae from Yunnan, China

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Abstract A new variety of the Primulaceae from the Mt. Wuliangshan, Jingdong County, Yunnan, China, *Primula sinolisteri* var. *longicalyx* D. W. Xue & C. Q. Zhang, is described and illustrated. It is different from the typical one by having corolla with a ring-shaped appendix at the throat, and glabrous outside, and calyx subequal to corolla tube in length, 7–10 mm long.

Key words *Primula*, *Primula sinolisteri* var. *longicalyx* D. W. Xue & C. Q. Zhang, Primulaceae, new variety, Yunnan, China.

During a botanical expedition made in March 2002 to the Mt. Wuliangshan, Jingdong County, Yunnan, China, a *Primula* plant drew our attention. This plant grew on a moist mossy cliff behind a waterfall at an altitude of 2250 m, and thus was difficult to find if it was not flowering. This plant is very similar to *P. sinolisteri* Balf. f. in having leaves broadly ovate, petiole 6–11 cm long expanded to form a purple-red sheath at base, umbel 2–8-flowered, and calyx 4–7 mm long, but differs by having corolla with a ring-shaped appendix at the throat, and glabrous outside, and calyx 7–10 mm long, subequal to the corolla tube. Considering that this plant is morphologically only slightly different and geographically not isolated from *P. sinolisteri* which is distributed in NW Yunnan's Dali, Yangbi, Bingchuan, Eryuan and Heqing, and grows on moist mossy rocks along forest margin, it seems reasonable to treat it as a new variety.

***Primula sinolisteri* Balf. f. var. *longicalyx* D. W. Xue & C. Q. Zhang, var. nov.** Fig. 1
长萼铁梗报春

A var. *sinolisteri* differt corolla ad faucem annulata, extus glabra, calyce 7–10 mm longo et corollae tubum subaequante.

China. Yunnan (云南): Jingdong (景东), Mt. Wuliangshan (无量山), alt. 2250 m, on moist mossy cliff behind a waterfall, 2002-03-10, D. W. Xue 200208 (holotype, here designated, KUN).

Acknowledgements We thank Professor HU Chi-Ming, South China Institute of Botany, the Chinese Academy of Sciences, and Professor FANG Rhui-Cheng, Kunming Institute of Botany, the Chinese Academy of Sciences, for critically reading the manuscript, and thank Professor LONG Chun-Lin, Kunming Institute of Botany, the Chinese Academy of Sciences, for his valuable suggestions on writing this paper, and Mr. LIU Yi-Tao and Ms. WANG Ling for the illustration.

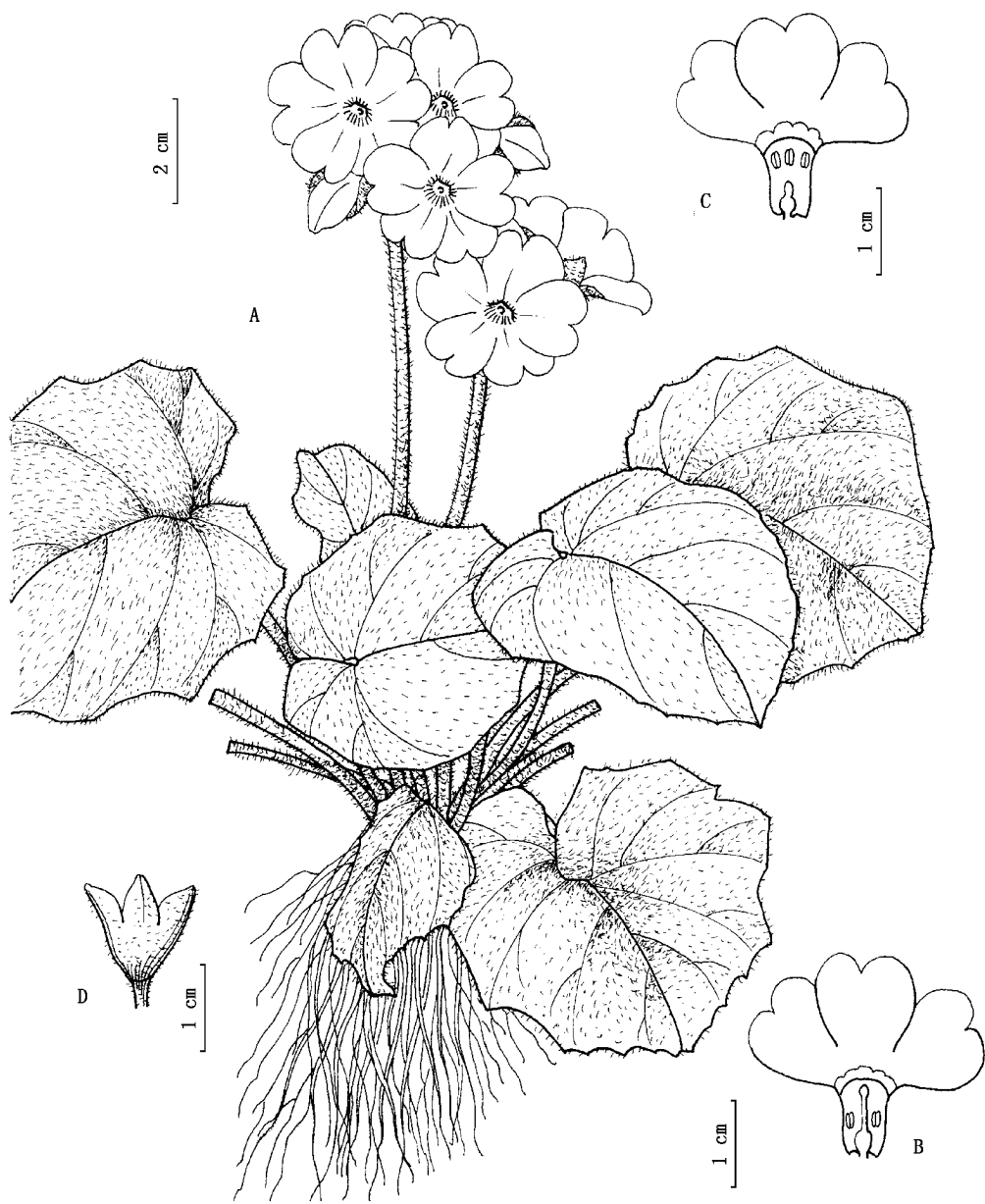


Fig. 1. *Primula sinolisteri* Balf. f. var. *longicalyx* D. W. Xue & C. Q. Zhang. A, habit ; B, long-styled flower, corolla opened up ; C, short-styled flower, corolla opened up ; D, calyx. Drawn by Y. T. Liu and L. Wang from D. W. Xue 200208.

云南报春花属(报春花科)一新变种——长萼铁梗报春

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摘要 报道了云南报春花属一新变种,即长萼铁梗报春 *Primula sinolisteri* Balf. f. var. *longicalyx* D. W. Xue & C. Q. Zhang。新变种与原变种的不同之处在于:花冠喉部具环状附属物,外面无毛,花萼与冠筒近等长,长 7-10 mm。

关键词 报春花属;长萼铁梗报春;报春花科;新变种;云南;中国